

Hazard Analysis Form

This form is to be completed by the construction subcontractor or Fermilab Task Manager and must be accepted prior to the issuance of the Notice to Proceed. In addition, this form is to be maintained at the site where the work is being performed. This is a dynamic document, which requires modifications as the project moves from start to finish.

Job Title _____

Contract/Change Order Number _____

Job Location _____

Date Prepared _____

Subcontractor

Fermilab

Company _____

Project Manager _____

Project Manager _____

Phone _____

Phone _____ Page _____

TM/CC _____

Superintendent _____

Phone _____ Page _____

Phone _____ Page _____

ES&H Rep. _____

ESH Rep. _____

Phone _____ Page _____

Phone _____ Page _____

Other _____

☐ Prepared _____ Date _____

☐ Accepted _____ Date _____

☐ Accepted as noted _____ Date _____

Utilizing the format below, identify hazards and safety precautions/procedures to mitigate hazards. Use as many sheets as necessary.

Description of Work: _____

Phase of Work	Safety Hazard	Precaution/Safety Procedures

GUIDELINES FOR COMPLETING THE HAZARD ANALYSIS

Phase of Work	Safety Hazard	Precautions/Safety Procedures
<p>Examining a specific job by breaking it down into a series of steps or tasks, will enable you to discover potential hazards employees may encounter.</p> <p>Each job or operation will consist of a set of steps or tasks. For example, the job might be to move a box from a conveyor in the receiving area to a shelf in the storage area. To determine where a step begins or ends, look for a change of activity, change in direction or movement.</p> <p>Picking up the box from the conveyor and placing it on a hand truck is one step. The next step might be to push the loaded hand truck to the storage area (a change in activity. Moving the boxes from the truck and placing them on the shelf is another step. The final step might be returning the hand truck to the receiving area.</p> <p>Be sure to list <i>all</i> steps needed to perform the job. Some steps may not be performed each time; an example could be checking the casters on the hand truck. However, if that step is generally part of the job it should be listed.</p>	<p>A hazard is a potential danger to a person or equipment. The purpose of the Job Safety Analysis is to identify ALL hazards- both those produced by the environment and those connected with the job procedure.</p> <p>To identify hazards, ask yourself these questions about each step:</p> <p>Is there a danger of the employee striking against, being struck by, or otherwise making injurious contact with an object?</p> <p>Can the employee be caught in, by, or between objects?</p> <p>Is there potential for slipping, tripping, or falling?</p> <p>Could the employee suffer strains from pushing, pulling, lifting, bending, or twisting?</p> <p>Is the environment hazardous to safety and/or health (toxic gas, vapor, mist, fumes, dust, heat, or radiation)?</p> <p>Are there electrocution hazards?</p> <p>Close observation and knowledge of the job is important. Examine each step carefully to find and identify hazards- the actions, conditions, and possibilities that could lead to an accident. Compiling an accurate and complete list of potential hazards will allow you to develop the recommended safe job procedures needed to prevent accidents.</p>	<p>Using the first two columns as a guide, decide what actions or procedures are necessary to eliminate or minimize the hazards that could lead to an accident, injury, or occupational illness.</p> <p>Begin by trying to: 1) engineer the hazard out; 2) provide guards, safety devices, etc.; 3) provide personal protective equipment; 4) provide job instruction training; 5) maintain good housekeeping; 6) insure good ergonomics (positioning the person in relation to the machine or other elements in such a way as to improve safety).</p> <p>List the recommended safe operating procedures. Begin with an action word. Say exactly what needs to be done to correct the hazard, such as, "lift using your leg muscles." Avoid general statements such as, "be careful", "use caution", "be alert".</p> <p>List the required or recommended personal protective equipment necessary to perform each step of the job.</p> <p>Give a recommended action or procedure for each hazard.</p> <p>Serious hazards should be corrected immediately. The JSA should then be changed to reflect the new conditions.</p> <p>Finally, review your input on all three columns for accuracy and completeness. Determine if the recommended actions or procedures have been put in place. Re-evaluate the job safety analysis as necessary.</p>

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Hazard analysis Signature Sheet

Subcontractor _____ **Job Location** _____

Subcontract Number _____ **Job Title** _____

Superintendent _____ ESH Rep. _____

ES&H Information relative to this job has been reviewed with me by the subcontractor ES&H representative or Fermilab employee in charge.

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